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DEADLINE FOR RECEIPT OF ABSTRACTS IS JANUARY 29, 1973

Abstracts are solicited in all areas of interest to AGU. The original plus two copies should be sent directly to AGU. Forms and instructions for submitting abstracts are available from the AGU office or from the members of the Meeting Committee listed in December EOS.

SPECIAL SESSIONS

Special sessions already being planned for which abstracts are specifically solicited include the following:

Geodesy: A symposium on 'Extraterrestrial Geodesy', (cosponsored by *Planetology*).

Geomagnetism and Paleomagnetism: A symposium on 'Paleomagnetism, Mantle Plumes, and Absolute Plate Motion,' cosponsored by the *Oceanography and Tectonophysics* sections, will be a blended potpourri of plate kinetics, rock magnetism, mantle plumes, and other motion indicators (for example the equatorial sedimentation maximum in the oceans). Emphasis is placed on testing interrelated concepts such as the axial dipole and the stationary mantle plume.

A *GP* symposium on 'The Geomagnetic Field of External Origin as Observed at the Earth's Surface' will consider the magnetic effects of the ionospheric, auroral, ring-current, magnetopause, and tail current systems. Near-surface effects due to variations of the interplanetary field are also included. In addition *GP* is planning two sessions on 'Axial Processes of the Mid-Oceanic Ridge' (cosponsored with *O, S, T, and VGP*), a largely invited session on 'Aeromagnetic Interpretations—Continental Anomalies' and a partially invited session called 'Marine Magnetic Anomalies—Techniques and Interpretations' (cosponsored by *Oceanography*). Users of IGRF are encouraged to report on how well reference field fits their survey area, etc.

Oceanography: Invited symposia on 'Topics in Geophysical Fluid Dynamics,' on 'Quaternary Dynamics' (time scales of air-sea-ice-land interactions, climatic events, etc.) and on 'Deep Sea Drilling: History, Results, and Plans.' A contributed session on 'Coastal Upwelling and Circulation' will follow an invited symposium on 'Shelf Dynamics.'

Planetology: symposia on 'Apollo 17 Lunar Geology Results' and on 'Allende Meteorite—Implications on Cosmochemistry.'

Seismology: Session on 'Rock Mechanics and Earthquake Source Mechanisms' (cosponsored by *Tectonophysics*).

Solar-Planetary Relationships: An invited symposium on 'Effects of Solar Activity on the Earth's Weather' (cosponsored by *Meteorology*)

Aeronomy subsection: A symposium on 'Latitudinal and Temporal Variations in Thermospheric Composition' (cosponsored by *Meteorology*). Contributed papers are sought that will present observational evidence bearing on these effects or propose theoretical models explaining them. There will be a symposium on 'Satellite and Rocket Plasma Sheaths and Wakes.' Contributions are sought from experimenters with pertinent unpublished data, and on theory toward understanding sheaths and wakes.

Cosmic Rays subsection: Invited symposia on 'Cosmic Ray Variations over Solar Cycles 18–20,' and on 'Interplanetary Pitch-Angle Anisotropies of Low-Energy Solar Particles.' There will be an invited symposium on 'Scientific Results from Pioneer 10' (cosponsored by the *Solar and Interplanetary Physics* subsection).

Solar and Interplanetary Physics subsection: Session entitled 'Pioneer 10 and Jupiter—What do we expect?' (cosponsored by the *Magnetospheric Physics* subsection).

Tectonophysics: Contributed session on 'Movements Associated with Continental Interiors.'

Volcanology, Geochemistry, and Petrology: Sessions on 'Petrologic Aspects of Plate Tectonics' (cosponsored by *Tectonophysics*), and Low-Temperature Geochemistry.

There will be an all-Union Session presented by the Committee on Geophysical Energy Resources involving a symposium on Geophysical Energy Resources. Contributions are solicited relating to the utilization of geothermal, solar-wind, and ocean energy and the consequences of such utilization. Special emphasis at this symposium will be devoted to geothermal energy. (Please mark abstract 'Energy'.)

There will be a special Union session to discuss the participation of members of minority groups in geophysics. Representatives of various professional societies, educational organizations, and government agencies are participating in the development of the program. More details will be forthcoming.

AGU

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GEODESY

Sixth GEOP Conference: Earthquake Mechanism
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La Jolla, California

Seventh GEOP Conference: Coastal Management
Related to Subsidence and Wave Action

June 6-7, 1974

Columbus, Ohio

Eighth GEOP Conference: Lunar Dynamics and
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October 10-11, 1974

Columbus, Ohio

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